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2 **ABSTRACT**

3 An implantable cardiac therapy device is constructed with a housing that
4 defines first and second chambers. The first chamber holds cardiac therapy
5 circuitry, such as sensing and/or stimulation circuitry. The second chamber holds
6 high-frequency circuitry that transmits and receives high-frequency signals used in
7 communication with external devices. The dual-chamber housing allows the
8 implantable cardiac therapy device to handle high-frequency signals in an isolated
9 environment, thereby enabling longer range telemetry, without interfering with the
10 cardiac therapy circuitry. The implantable cardiac therapy device can be linked to
11 a cardiac network of knowledge workers that evaluate the data generated by the
12 device and provide instructions to remotely program the device.
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